

CGB-CC-0829

James Smith, Vice President / General Manager



Received & Inspected

AUG 25 2008

FCC Mail Room

August 20, 2008

Office of the Secretary
Federal Communications Commission
Attention: CGB Room 3-B431
445 12th Street SW
Washington, DC 20554

Petition for Exemption from Closed Captioning Requirements

Introduction

This petition is on behalf of KSLA TV, the CBS affiliate serving the Shreveport, Louisiana market.

The program we request be exempt from the Closed Captioning Requirements is called "Your Hometown Show". This initially will be a 15 minute program airing from 9:45 a.m. to 10 a.m., Monday-Friday. It may eventually be expanded to a 30 minute program. This program will consist of a series of locally produced advertising vignettes (approximately 6 minutes each) featuring local businesses and services in our viewing area. Some of these segments will be pre-recorded either on location or in our studio. Some of these segments will be done live in our studio. It is expected that the program will be unscripted. It will consist of live and taped interviews. This program will be produced by KSLA TV. It is expected that viewers of this program will consist mainly of women.

For the reasons set forth below, KSLA TV hereby requests an undue burden exemption from the closed captioning rules for Your Hometown Show, pursuant to § 79.1(f) of the Commission's rules.

Nature and Cost of Closed Captions

We contacted two Closed Captioning companies to determine the cost of doing Closed Captioning on this program.

BCCS of Toronto, Canada: They would charge \$47.50 per half hour. Annual cost: \$12,350. There would also be additional costs of purchasing an encoder and installing two additional telephone lines. We estimate the cost of the encoder to be around \$2,000 and the two phone lines to be \$120 per month.



KSLA-TV 1812 Fairfield Ave. Shreveport, La. 71101-4461 (318) 222-1212 FAX (318) 677-6702
jamesmith@ksla.com • AN EQUAL OPPORTUNITY EMPLOYER

Caption Colorado: They would charge \$50 per half hour. Annual cost: \$13,000. There would be additional costs of purchasing an encoder and installing two additional telephone lines. We estimate the cost of the encoder to be around \$2,000 and the two phone lines to be \$120 per month.

I have attached to this correspondence price quotations we have received from both companies.

Since most of "Your Hometown Show" will be interviews without any scripts, we rejected the idea of using our existing news department Closed Captioning system since it works off of scripts. We do not have the ability internally to do live Closed Captioning.

Impact on the Operation of the Program Provider

We estimate that each episode of Your Hometown Show program will cost approximately \$825.77 a day to produce or \$214,796 annually. These costs include such costs as salaries, commissions, studio time, field production time and our fixed operating expenses pro rated for a half hour.

With Closed Captioning we estimate that each episode would cost \$878.81 per day or \$230,686 for the first year.

These are costs we will not be able to pass on to our clients but will be absorbed by KSLA TV.

I have attached an estimated breakdown of our production costs.

Revenue from "Your Hometown Show" is estimated to be \$1,120 per day or \$291,200 annually. This assumes an 80% sell out rate. Net revenue, after agency commissions, is estimated to be \$280,200.

Other factors

Petitioner believes that the local, non-news exemption to the closed captioning rules also applies to Your Hometown Show. As noted above, the program is produced and distributed locally, and the vignettes are of primarily local public interest. The episodes are not news and the electronic newsroom technique is not available because there are no scripts. Notwithstanding the applicability of the exemption, we have filed this petition in an abundance of caution and for the purpose of establishing certainty.

Conclusion

As shown by this Petition and its attachments, the Commission should grant a waiver of the closed captioning requirements in this case, because requiring closed captioning would create an undue burden. The costs of captioning would be excessively high. Because of the significant difficulty and expense of providing closed captions, a waiver under § 79.1(f) is warranted.

If more information is needed, please contact me at the address provided below.

Respectfully submitted,

KSLA TV

By:

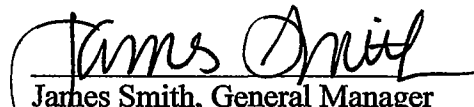

James Smith
General Manager

1812 Fairfield Avenue
Shreveport, Louisiana 71101
318-222-1212
318-677-6702 fax

8-20-08
Date

Declaration:

I, James Smith, am General Manager of KSLA TV, and I have reviewed the Petition for Exemption for Closed Captioning Requirements filed on behalf of KSLA TV in this matter, and, upon information and belief, believe the statements regarding our organization and Your Hometown Show to be true and accurate.


James Smith, General Manager

8-20-08
Date

KSLA
"YOUR HOMETOWN SHOW"

PRODUCTION COSTS YEAR ONE (estimated)

\$214,796

	Daily	Annual
Host Salary/Commission	\$230.77	\$60,000
Studio Production	\$ 75.00	\$19,500
Field Production	\$ 96.00	\$ 24,960
Fixed Operating Expense	\$424.00	\$110,336
Total	<u>\$825.77</u>	<u>\$214,796</u>

Studio Production

30 Minutes of studio time \$75.00

\$75 X 5 days = \$375 per week X 52 weeks = \$19,500 annual.

Field Production

- Goal is to sell each field segment to run five times.
- 80% of our segments will be done in the field.

4 segments per day X 5 days = 20 segments per week

20 segments per week X 52 weeks = 1,040 segments per year

20% of those weekly segments will be done in the studio, leaving 832 field segments.

Since the goal is for each field segment to air 5 times...we will have 166 original field segments.

166 field segments X \$150 = \$24,960

PRODUCTION COSTS WITH CLOSED CAPTIONING YEAR ONE (estimated)

\$230,686

	Daily	Annual
Basic Costs	\$825.77	\$214,796
Real-Time CC Service	\$ 47.50	\$ 12,350
(2) Dedicated Phone Lines	\$ 5.54	\$ 1,440
Installation of Phone Lines		\$ 100
Encoder Purchase		\$ 2,000
Total	<u>\$878.81</u>	<u>\$230,686</u>

Smith, James

From: Christina Ricci [christina@closedcaptioning.com]
Sent: Wednesday, August 13, 2008 1:38 PM
To: Smith, James
Subject: Real-time Closed Captioning
Attachments: ksla_proposal.doc

Good afternoon Mr. Smith,

It was a pleasure speaking with you.

Thank you for the opportunity to introduce you to myself and our company, Broadcast Captioning & Consulting Services Inc. We are a full service closed captioning company providing services in the United States and Canada.

I have taken the liberty of putting together a company introduction and proposal which outlines our services and pricing. Please review at your convenience and let me know if you have any questions as I would be more than happy to discuss with you any closed captioning requirements you may have.

In order for us to provide real-time captioning for you, the requirements would be:

- encoder number (to receive data - captions)
- audio coupler number (to provide the audio our captionists require to write a show)
- master control number (for troubleshooting and/or testing)

Please note that our captionists are responsible for their own long distance charges, KSLA would not incur any of these charges.

We operate 24-7, 365 days a year. You or your master control operators can call our main office line, toll-free 1-800-296-6837 and you will get either myself or one of our Supervisors answering the phone to assist with any coverage you may need, even emergency and last minute.

If there is anything else I can provide for you (information, references, etc.) please let me know. Also, if you would like to 'test' our services, I would be more than happy to provide captioning to one of your newscasts or other programs, free of charge, that is once you get the equipment and lines set up.

Thank you for your time and I look forward to speaking with you.

Christina Ricci,
General Manager
Broadcast Captioning &
Consulting Services Inc.
Toll-free: 1-800-296-6837
Fax: (416)421-7603
www.closedcaptioning.com

August 13, 2008

Mr. James Smith,
General Manager
KSLA TV
1812 Fairfield Avenue
Shreveport, LA 71101

**VIA E-MAIL
PRIVATE & CONFIDENTIAL**

Dear Mr. Smith:

Re: Closed Captioning Services

Further to your conversation with our General Manager, Christina Ricci I am forwarding to you a brief overview on captioning and company outline. Thank you for the opportunity to introduce you to Broadcast Captioning & Consulting Services Inc., a corporation with offices in both the United States and Canada that has been in business for 12 years.

Company Overview

Broadcast Captioning & Consulting Services Inc. is a full service closed captioning corporation with its head office in Toronto. BCCS has been in business for over 12 years and has been providing the highest quality of closed captioning services to its broadcast clients.

BCCS has over 60 real-time/off-line captionists and support staff the enable us to meet the 24 hours, seven days a week caption requirements of the broadcast industry. We pride ourselves in being available 24 hours a day and able to accommodate our clients in last minute emergency situations. A recent example of this was the power out for Ontario and the Eastern United States. BCCS not only met all of the increased captioning requests because of the blackout, but also fulfilled additional requests by broadcasters that could not be met by our competitors because of that power outage.

BCCS provides over 30,000 hours of closed captioning per year to a number of clients, both north and south of the border. We caption a wide variety of programming, 365 days per year. We are an associate member of the CAB and work closely with broadcasters, advocacy groups and the CRTC on caption related issues. We follow the guidelines for closed captioning as set forth by the CAB.

We have trained and assisted our broadcast clients in securing closed captioning sponsorship for their closed captioned programming in order to offset some of the direct costs for closed captioning.

Mission Statement

To provide the most accurate and as close to 100% representation of the audio portion of the telecast without compromising the visual enjoyment of the program for the captioning consumer.

Location

Broadcast Captioning & Consulting Services' head office is located in central Toronto, near the main intersections of Eglinton Avenue East and Laird Drive. We are a ten minute drive from downtown Toronto.

Head Office

BCCS has a 6,000 square foot office and captioning facility that is equipped with more than half a dozen off-line (pop-on), off-line (live display) captioning stations and three caption facilitators' sending stations.

BCCS is compiled of a specially skilled group of individuals that has more than 30 years of broadcast production and captioning experience in a variety of technical and production areas.

Management/Personnel Profiles

Brian Hallahan, President

- 25+ years experience in broadcasting industry in a number of technical, production and management positions
- started BCCS ten years ago
- Participated in soliciting positive interventions from advocacy groups on behalf of broadcasters for license applications and renewals.
- Assist broadcasters when technical challenges arise during captioning
- Provides consulting to broadcasters in setting up captioning facilities.
- Has been invited to make presentations to the CRTC regarding closed captioning
- Meets with broadcast sales groups to assist in acquiring sponsorship for closed captioning to offset captioning costs

Christina Ricci, General Manager

- An experienced captioner with 20 years of office administration and management experience.
- Contact person for day-to-day schedules for real-time captioned programming
- Responsible for scheduling real-time captionists
- Managing day to day operations within the office

Ron Petrescue, Director Special Projects

- Over 30 years experience in broadcasting industry
- Worked on various productions as a Technical Producer or Project Manager
- Instrumental in coordinating construction of various television studios and offices

Vincci Wong, Scheduling Supervisor

- 5 years office administration and management experience
- Alternate contact person for day-to-day schedules for real-time captioned programming
- Responsible for scheduling real-time captionists

Lisa Gray, Post Display Supervisor

- Experienced Off-Line Captionist
- Responsible for processing, allocating and scheduling Post Display Captioning
- Has a diverse and experienced background in business administration and managerial support

Andrea Kleiver, Realtime Captionist and Quality Control Coordinator

- Certified Broadcast Captioner (CBC)
- Responsible for monitoring and reviewing of programmes to ensure quality captions are produced for all of BCCS clients and viewers, updating and maintaining BCCS style protocol, assists in the screening of new captionists, provides demonstration captioning to potential clients
- Has been captioning since 2000 for cable programmes and local news in the U.S. and Canada and career highlights include realtime in intimate meetings with Condoleezza Rice, Michigan Governor Jennifer Granholm, and U.S. Senator Carl Levin. Has captioned such broadcasts from the 2004 U.S. Presidential debates, the WWII Memorial dedication in Washington, D.C., to providing captions live on-air for Bloomberg Television as the tragedies of 9/11 were unfolding.

Armin Yaghini, IT Department

- Responsible for overseeing all technical projects for BCCS
- Diverse and experienced background in business and information technology

*150 Laird Drive, Suite #302, Toronto, Ontario, Canada M4G 3V7
Telephone 1-800-296-6837 Facsimile (416) 421-7603
www.closedcaptioning.com*

Affiliations

We are a member in good standing with the Canadian Association of Broadcasters. BCCS provides donations and pro bono captioning services for a number of worthy charities including:

- ▶ Canadian Hearing Society
- ▶ Canadian National Institute for the Blind (CNIB)
- ▶ Special Olympics
- ▶ Canadian Sports Association for the Deaf
- ▶ Variety Village
- ▶ Hospital for Sick Children
- ▶ Blue Jays Tickets for Kids Program
- ▶ Emily Stowe Shelter for Women
- ▶ Cancer Society
- ▶ Canadian Diabetes Association

Closed Captioning Overview

BCCS provides all three styles of closed captioning, descriptions which follow:

Real-time captioning is a style of captioning that is performed for live events (i.e. news, sports, live music, telethons). It is used in situations where it is impossible to provide post display or off-line captioning for a taped program due to the tight turnaround or technical challenges.

Off-line (pop-on) captioning is used primarily for movies, or episodic productions where turnaround times or delivery schedules allow. This style of captioning is more laborious and requires anywhere from eight to ten hours to produce one hour of off-line captioning. This allows for synchronizing the captions with time code and for extensive editing of the script.

Post Display (3-line roll up) is a style of captioning that is being utilized more and more by broadcasters and production houses in order to facilitate fast turnaround delivery schedules without compromising the accuracy or presentation of the closed captioning. Post Display is done in an off-line captioning environment having the captionist produce a caption file from a VHS tape of the program. A caption facilitator then dials in to the broadcaster's encoder and audio coupler and coordinates the sending of the caption file with the VTR operator and creates a captioned sub master.

5

Attached please find a copy of our real-time captioning price list. We would be more than happy to enter into a three-year arrangement where we would provide captioning services to KSLA and any of their affiliated companies. Our pricing will remain the same for that three-year period. We also make it a practice to caption one telethon/charity event per year that the Broadcaster commits to, where we provide the closed captioning services pro bono.

If you have any questions, please do not hesitate to contact myself or our General Manager, Christina Ricci at anytime.

I look forward to your response.

Yours very truly,

**BROADCAST CAPTIONING &
CONSULTING SERVICES INC.**

Per:

Brian Hallahan,
President

*150 Laird Drive, Suite #302, Toronto, Ontario, Canada M4G 3V7
Telephone 1-800-296-6837 Facsimile (416) 421-7603
www.closedcaptioning.com*

SCHEDULE "A"**Closed Captioning Services Charges**

This proposal in USD

Real-time (on-line) Closed Captioning

All programming one (1) hour or in increments of one (1) hour	Per hour	\$95.00
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All programming one-half (1/2) hour	Per ½ hour	\$47.50
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All programming past the top of the hour	Per ¼ hour	\$23.75
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Standby Charge – half of regular rate

E&OE

*150 Laird Drive, Suite #302, Toronto, Ontario, Canada M4G 3V7
Telephone 1-800-296-6837 Facsimile (416) 421-7603
www.closedcaptioning.com*

Smith, James

To: John Irwin
Subject: RE: ksla tv

From: John Irwin [mailto:johni@captioncolorado.com]
Sent: Wednesday, August 13, 2008 2:52 PM
To: Smith, James
Subject: RE: ksla tv

- Thanks James, Would there be information anywhere on the programs, content, participants, etc.?? Why I am asking is this. With news programs, sports, etc., our captioners are able to provide excellent quality, accuracy..because they are familiar with both the news content of the day, as well as, the anchors and reporters. With info-mercials, PSA shows we usually get scripts, or at the very least an outline of the program with names, locales, overall content..etc,. Again, this allows for quality captioning that keeps your viewers happy.
- Price-wise....if we are able to do it realtime you would be looking at \$50 per program (discounted rate)...as we have a 30 minute minimum.

Hope this helps. I will send you the equipment requirements and overall tech info on how it all works under a separate email. Let me know what you decide.

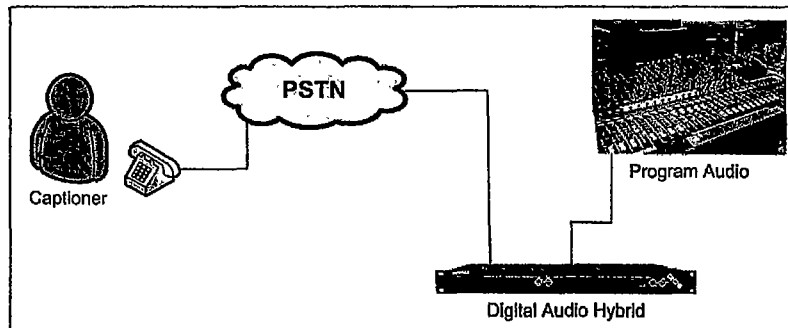
All the best, John
Caption Colorado

Equipment Requirements for RealTime Television Closed-Captioning

Caption Colorado, LLC

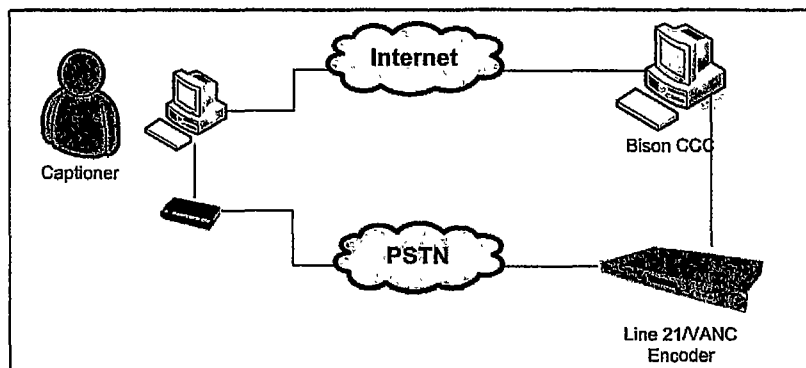
Realtime Closed-Captioning consists of two connections. Both connections are initiated by the captioner.

The first connection is the audio line for the captioner. This is usually accomplished with a digital audio hybrid. The captioner dials the hybrid through a telephone and listens to the audio.



Captioner Program Audio Feed

The second connection is the data line connection for captioning. This is either accomplished through the internet to the Bison Customer Control Console (CCC) system, or a modem connection to the encoder's internal modem.



Captioner Data Feed

The following is intended to give any captioning customer a comprehensive overview of the equipment and logistical requirements for realtime Closed-Captioning. The diagrams above will be detailed more in the document.

1. Equipment Requirements

A. Closed-Captioning Encoder

The Closed-Captioning encoder encodes the Closed-Captioning decoder data into VBI Line 21 of the NTSC video. DTV and HDTV Closed-Captioning encoders encode the data into VANC line 9 or send the data through a serial connection to the ATSC encoder.

Caption Colorado supports most encoders from EEG, Evertz, Link Electronics, and Norpak. Many affiliates already have Closed-Captioning encoder equipment for use with teleprompter captioning.

If new equipment is to be purchased, Caption Colorado recommends EEG (<http://www.eegent.com>). EEG provides robust equipment with very little configuration required. The specific model of encoder is going to depend on the format and need for DTV captioning.

EEG EN-470

The EN-470 is used for analog composite Line 21 caption data insertion for NTSC broadcasts.

EEG DI-470

The DI-470 is used for serial digital Line 21 caption data insertion for NTSC broadcasts.

EEG EN-470-D1

The EN-470-D1 is used for either analog composite or serial digital Line 21 caption data insertion for NTSC broadcasts. This is a good choice for analog systems with plans for digital conversion.

EEG DI-470DTS

The DI-470DTS provides the same functions as the DI-470. It also provides a SMPTE-333/Grand Alliance caption server output for an ATSC encoder.

EEG EN-530

The EN-530 provides simultaneous insertion of Line21 EIA-608 caption data into an NTSC SDI signal and insertion of transcoded EIA-708 caption data into Line9 of an HD-SDI signal. The EN-530 also provides a

SMPTE-333/Grand Alliance caption server output if the ATSC encoder does not support Line9 extraction.

Most of these encoders have provisions for v-chip, TSID and XDS data insertion. These do not interfere with realtime Closed-Captioning operations.

B. Audio Hybrid

The audio hybrid allows the captioner to dial in through the public phone network and hear program audio. This allows the captioners to caption from any location and not rely on audio from TV.

Most audio hybrids have an XLR balanced audio input and an RJ-11 telephone connection.

Caption Colorado's services are compatible with almost all auto-answer audio hybrids/Telco couplers. We recommend against audio hybrids without auto-answer and auto-disconnect capabilities.

For new equipment, we recommend Comrex Audio Hybrids.

The DH-20 single line hybrid and the DH-22 dual line hybrid are the models recommended for Real-time Closed-Captioning.

Two audio lines provides significant quality of service advantages for realtime Closed-Captioning because it makes transitions between captioners easier and provides an inherent backup if one phone line is down. The DH-22 can provide two audio lines in a single unit. Two single line audio couplers would work just as well. Check your Caption Service Contract for two-line requirements.

Most audio hybrids need to be setup for auto answer and auto disconnect. On the Comrex models, these options are set by DIP switches behind a front access panel. DIP switches #7 and #8 should be "On". This will eliminate the need for manual operation of the audio hybrid.

C. Bison Customer Control Console PC

The Bison CCC system allows captioning data to be delivered through the internet instead of a modem connection. The system also provides another level of confidence monitoring for the station and captioner. Other features include scheduling data services and emergency captioning ordering.

The PC used for Bison CCC itself does not need to be very high performance. However, the system needs to be dedicated to the Bison CCC software. Below is the list of recommended system specifications:

- Intel Pentium class processor 1.5GHz or faster
- Windows XP professional or Windows 2000
- 512MB RAM or more
- 18GB or larger hard drive
- NIC
- 1 or more RS-232 serial ports
- Video capture card ⁽¹⁾
- Telephone modem ⁽²⁾

(1) – The video capture card that can be used is the Hauppauge WinTV model #401. The Hauppauge WinTV model #191 works as well, but is no longer in production. The video feed required for the capture card is a decoded analog composite video feed. Many Closed-Captioning encoders can provide this feed.

(2) – The modem is necessary if the encoder itself doesn't have a backup modem, or has trouble supporting use of both the modem and serial port (such as the EN-270). The following modems are specified depending on the connection type required:

RS-232:	USR 5686E
PCI (3.3V or 5V):	USR 5610B
USB:	USR 5633A

Caption Colorado can provide a pre-configured 1RU PC that clients can purchase directly from Caption Colorado, LLC. Please contact us for details.

2. Logistical Requirements

A. Closed-Captioning Encoder

Nearly all Closed-Captioning encoders have a built-in modem for caption delivery. With the Bison CCC system, this modem is the normal backup in case of an internet failure on the client or captioner end.

For this modem, one analog POTS phone line needs to be connected to the modem. This line must be dedicated for captioning and not used by any other systems. The line should have a non-toll-free number that reaches it directly. Caption Colorado will provide toll-free redirect numbers for this line.

This connection should be tested with Caption Colorado's technical support department before beginning service.

Note: If an EEG EN-270 is in use, the "Automatic Data Port Switch for the EN270 Smart Encoder II" modification must be performed. Contact EEG for a copy of this publication and further details.

B. Audio Hybrid

The Audio Hybrid needs one or two analog phone lines. The number of lines depend on the Service Contract for the station group.

The audio coupler needs to be setup for auto-answer and auto-disconnect. On the Comrex models, DIP switches #7 and #8 need to be "on" for this. For other models, see documentation for that particular equipment.

This can be tested by dialing in and making sure the coupler picks up, then hanging up and dialing in again to make sure it disconnected properly. This is done to ensure a very quick recovery time if the captioner is disconnected from the audio line.

C. Bison Customer Control Console PC

The Bison PC has some requirements of the network.

A single TCP/IP port must be forwarded to the PC from an external IP address. The port must be open from any IP. The Bison CCC software itself will protect the incoming port through a challenge/response system, so only our proprietary software can connect to it. A DNS name is not required for the external IP.

If necessary, the Bison system can be placed in a DMZ. However, if this is done, a firewall must be used to protect the incoming ports not used by CCC. Windows XP's included Windows Firewall is sufficient if an exception is added for the CCC incoming port.

The PC that the Bison system is on needs to have outbound internet access as well. If access is to be limited, please set the system up to allow the following access:

<http://www.captcolo.com>
<http://www.captioncolorado.com>
<http://orders.captioncolorado.com>
<http://soap.captcolo.com>
<http://captcolo.webex.com>
<ftp://ftpaudio.captcolo.com>

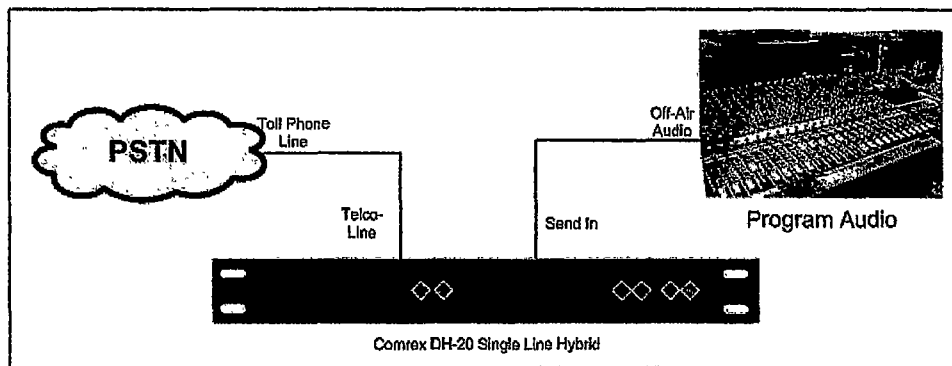
The Bison CCC system can deliver caption data to the encoder via RS-232 COM port or through a TCP/IP connection. (Some newer encoders have LAN cards). The usual delivery method is through an RS-232 COM port.

3. Connection Information

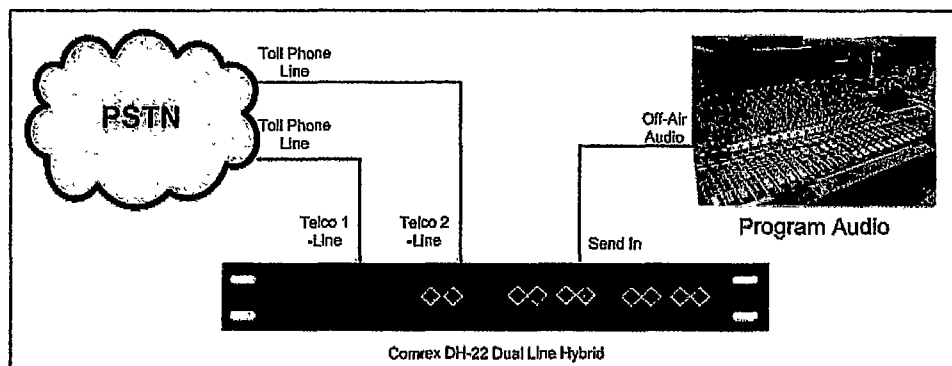
A. Audio Connection

The audio connection is fairly simple. The audio hybrid needs to be fed program/air audio. Full air audio is ideal so the captioner hears the audio before the actual event starts, but make sure there is not too much of a delay in audio between the closed-caption encoder and the audio source, otherwise captions will have the same delay.

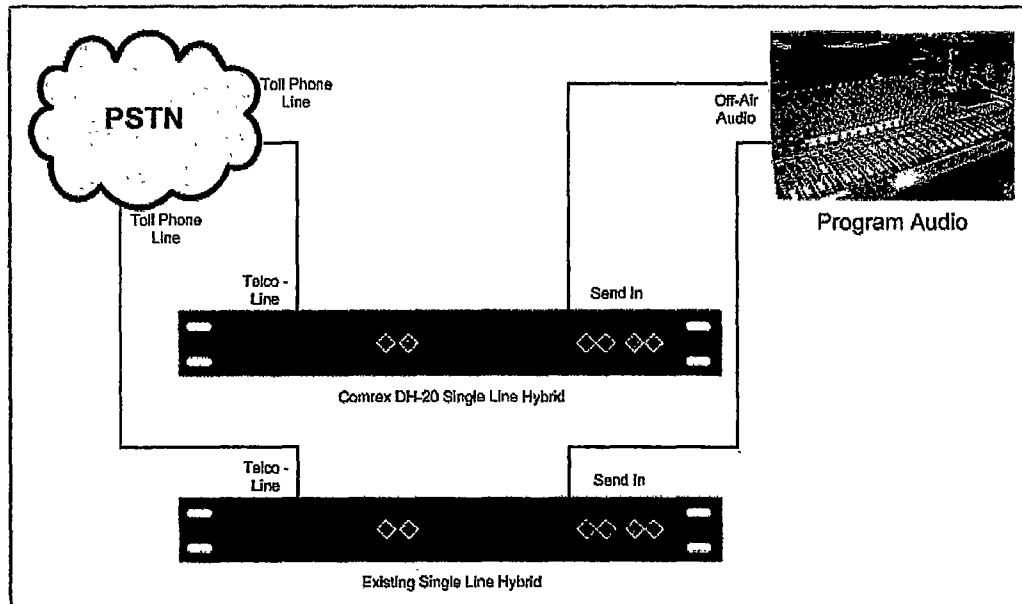
Single Line: For a single audio line, the audio coupler "Line" port should be connected to the audio phone line and the audio source to the "Send In" port. See the diagram below for details.



Dual line: For a dual audio line with the DH-20, the audio source is connected to the "Send In" port. The phone lines are connected to the "Telco 1 Line" and "Telco 2 Line". It does not make a difference which Telco Line is used. See the diagram below for details.



Adding a Second Line: You can also add a second coupler/line to your existing equipment as necessary. The connections are still the same. See the diagram below for details.



Once everything is hooked up, we recommend testing with Caption Colorado's technical support team to check audio levels and the auto-connect and auto-disconnect features.

B. Caption Data Connection

The connections to the encoder and Bison system are going to depend on your configuration.

Captioner connects to the Bison CCC system through the TCP port forwarded to the machine. This is discussed further in section 2C.

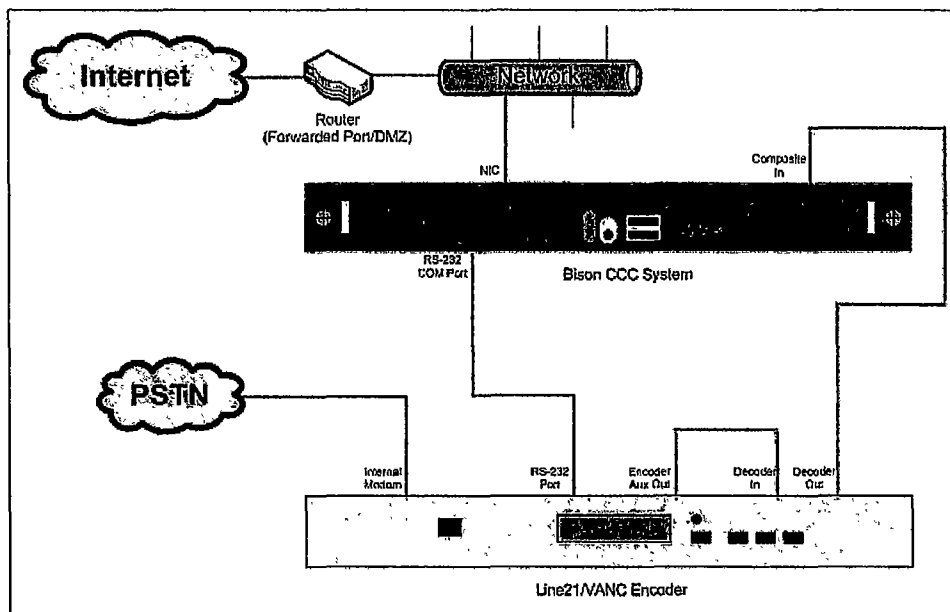
The Bison system is connected through an RS-232 port to the Closed-Captioning encoder. Please note that the EN-530 and DI-470DTS uses Port 1 as an output, not an input. If the Closed-Captioning encoder has a Network Interface Card, the Bison CCC system can be configured to connect to the encoder through a TCP port.

The decoded (open caption) output of the encoder should be connected to the composite input of the capture card in the Bison CCC system. Please note that some encoders require an encoder output to be connected to the decoder input.

The data line should be connected to the Closed-Captioning encoder's internal modem. This is the backup delivery method if the client or captioner's internet connection is down. If the encoder does not have an internal modem, a modem can be connected to the Bison CCC system. Caption Colorado recommends the following modems depending on connection type:

RS-232 Serial:	USR5686E
PCI:	USR5610B
USB:	USR5633A

See the diagram below for details.



If you need to use a teleprompter captioning system in conjunction with the Bison CCC system, the system can easily accommodate that.

A device called a PTC switch is used to arbitrate the connection between the Bison CCC system and the teleprompter input. Even with multiport encoders, this device is required to ensure proper arbitration.

The switch will allow the newsroom caption data to be sent to the encoder normally, but when the captioner connects to the Bison CCC system and starts sending data, that data is sent and the newsroom data is blocked. That allows the system to work without any interaction at the client end.

This is switched by the RTS line from the Bison CCC system. Therefore, the RTS line must be hooked up from the Bison CCC system to the PTC

switch, and not hooked up from the teleprompter system to the PTC switch.

Caption Colorado's technical support department can help determine the cabling requirements specific to your encoder.

The backup phone line can still be connected to the Encoder's internal modem in most cases as the modem's port will override the incoming RS-232 port.

The PTC switch can be obtained from B&B Electronics (<http://www.bb-elec.com>) Model Number 232PTC9.

